

Applicant : Lex P. Jansen et al.  
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Attorney's Docket No.: 10527-606001 / 02-047

Listing of Claims:

1. (Previously presented) An expandable medical implant for implantation in a bodily vessel, the implant having a flow passage therethrough, the implant being in the form of a stent comprising a body having a generally tubular shape, the body capable of maintaining patency in a blood vessel, the body consisting essentially of an alloy comprising tungsten and rhenium, wherein the tungsten is present in an amount ranging from about 75 weight percent to about 99 weight percent.

2. (Canceled)

3. (Previously presented) The medical implant of claim 1 wherein the alloy consists essentially of tungsten and rhenium.

4. (Canceled)

5. (Canceled)

6. (Previously presented) The medical implant of claim 1 wherein the rhenium is present in an amount ranging from about 25 weight percent to about 1 weight percent.

7. (Original) The medical implant of claim 1 wherein the modulus of elasticity is at least 400 GPa.

8. (Previously presented) The medical implant of claim 1 having a sidewall and a plurality of openings therein, the implant formed from a sheet or from a tube, the openings having been formed by removing material from the sheet or tube.

9-25. (Canceled)

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26. (Previously presented) The medical implant of claim 1 further comprising a drug or a therapeutic agent on the body.

27. (Previously presented) The medical implant of claim 1 further comprising a coating on the body.

28. (Previously presented) The medical implant of claim 27 wherein the coating comprises a polymer.

29-31. (Canceled)

32. (Previously presented) An expandable medical implant for implantation in a bodily vessel, the implant having a flow passage therethrough, the implant being in the form of a stent comprising a body having a generally tubular shape, the body capable of maintaining patency in a blood vessel, the body consisting essentially of an alloy comprising tungsten and rhenium, wherein the rhenium is present in an amount ranging from about 1 weight percent to about 25 weight percent.

33. (Previously presented) The medical implant of claim 32, wherein the alloy consists essentially of tungsten and rhenium.

34. (Previously presented) The medical implant of claim 32, wherein the modulus of elasticity is at least 400 GPa.

35. (Previously presented) The medical implant of claim 32, having a sidewall and a plurality of openings therein, the implant formed from a sheet or from a tube, the openings having been formed by removing material from the sheet or tube.

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36. (Previously presented) The medical implant of claim 32, further comprising a drug or a therapeutic agent on the body.

37. (Previously presented) The medical implant of claim 32, further comprising a coating on the body.

38. (Previously presented) The medical implant of claim 37, wherein the coating comprises a polymer.